



# FEMA

**Disclaimer:** The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

## FEMA Region 6 Weather Threat Briefing

Saturday, February 18, 2017

Issued: 0800 CT

***Day 1 Weather Impacts: No significant weather expected.***

**National Weather Service**

***Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX***



**Prepared by: Jennifer McNatt  
817-978-1100 x 147**



# Key Points

## Today

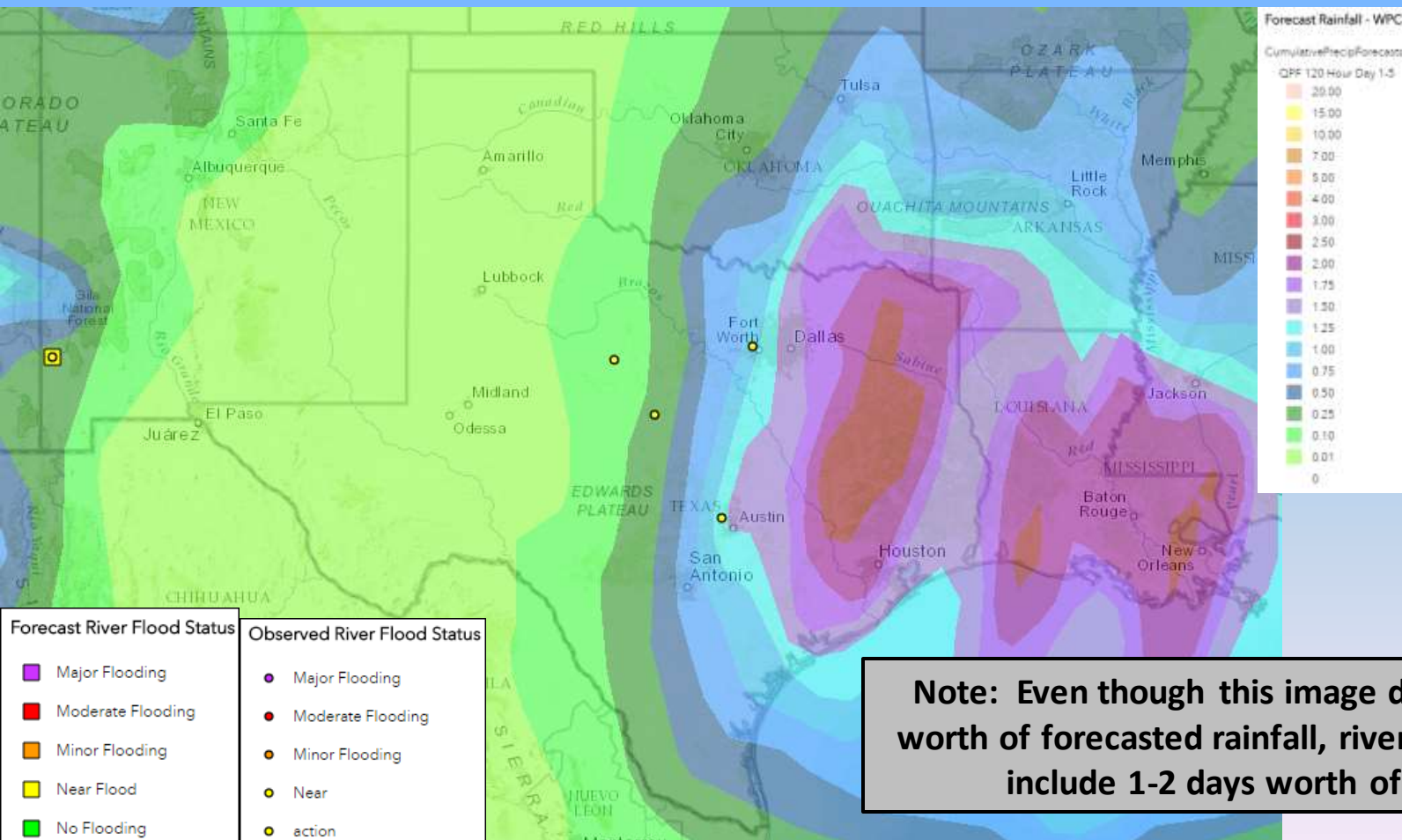
- **No Significant Weather Impacts Expected**

## Sunday - Tuesday

- **Showers and storms expected to develop Sunday afternoon across central portions of the Region**
  - **Slight risk of severe storms over S-Central OK and N-Central TX in the afternoon and evening; hail and damaging winds are the main threats, isolated tornado possible**
- **Heavy rain possible from SE OK into E TX late Sunday night into the overnight hours, spreading into LA and S AR on Monday**
  - **Heavy rain remains possible over SE LA into Tuesday**
  - **Could see widespread minor flooding over E/SE TX and LA, with isolated moderate flooding in some areas**

# 5-Day Precipitation Forecast & River Flood Status

**Widespread 2-4 inches of rain with isolated 6+ inches are forecast over E/SE TX late Sunday into Monday and LA Monday/Tuesday. Widespread minor flooding over this area is possible, with some isolated moderate flooding, especially over E/SE TX and SW LA if higher rainfall rates are realized late Sunday into Monday.**



**Note: Even though this image displays 5 days worth of forecasted rainfall, river forecasts only include 1-2 days worth of rainfall.**

**For the latest on river flooding: <http://water.weather.gov/ahps>**

# \*FEMA Region 6 Threat Matrix

**Feb 18, 2017 - Feb 22, 2017**

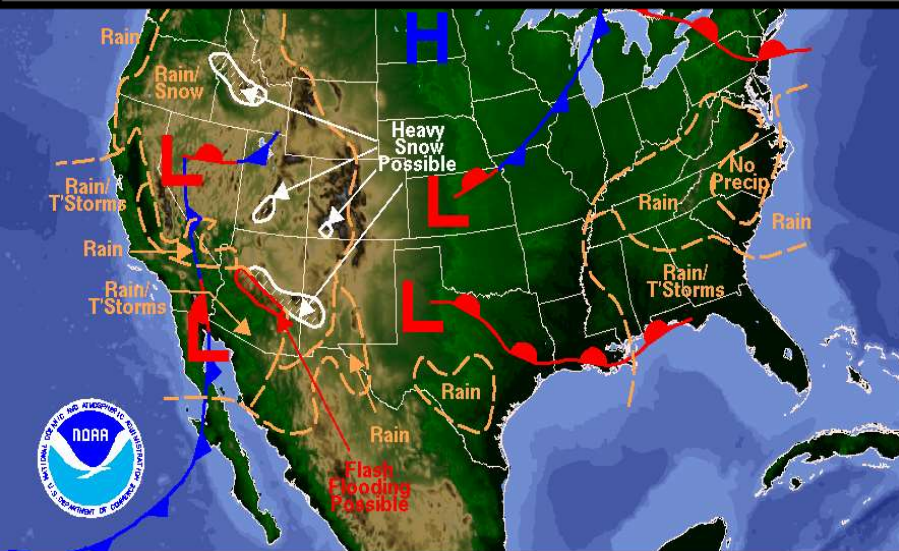
	SAT	SUN	MON	TUE	WED
Severe Weather		N-Central TX, S-Central OK			
Heavy Rain / Flash Flooding		E/SE TX, SE OK (Late)	E/SE TX, LA, S AR	SE LA	
Winter Weather					
Fire Weather					
River Flooding			SE TX, S LA Isolated locations in this area may see moderate flooding	SE TX, S LA	

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*For more details on the colors in the threat matrix refer to the last slide in this briefing.*

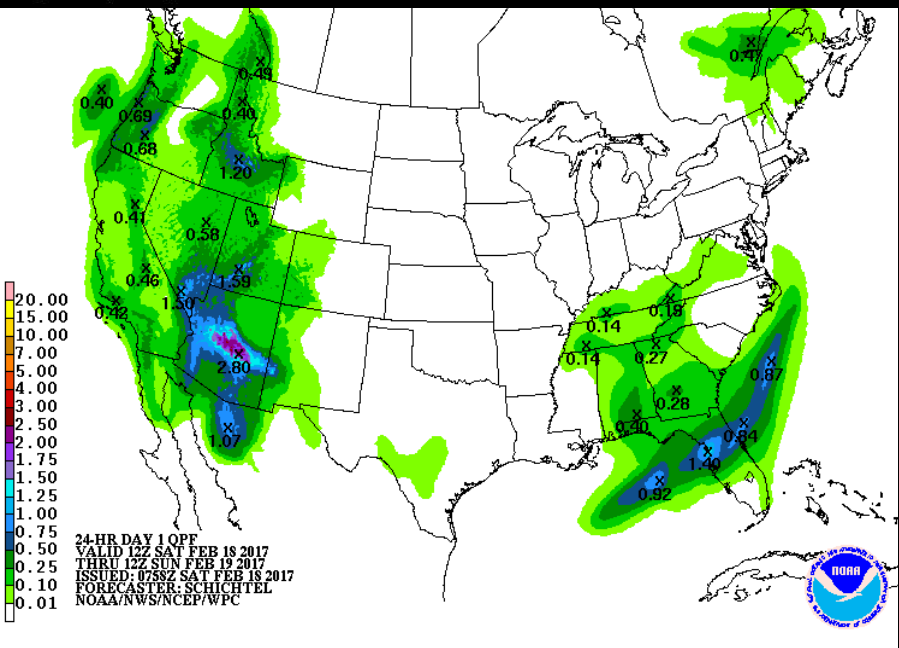


# Today's Weather

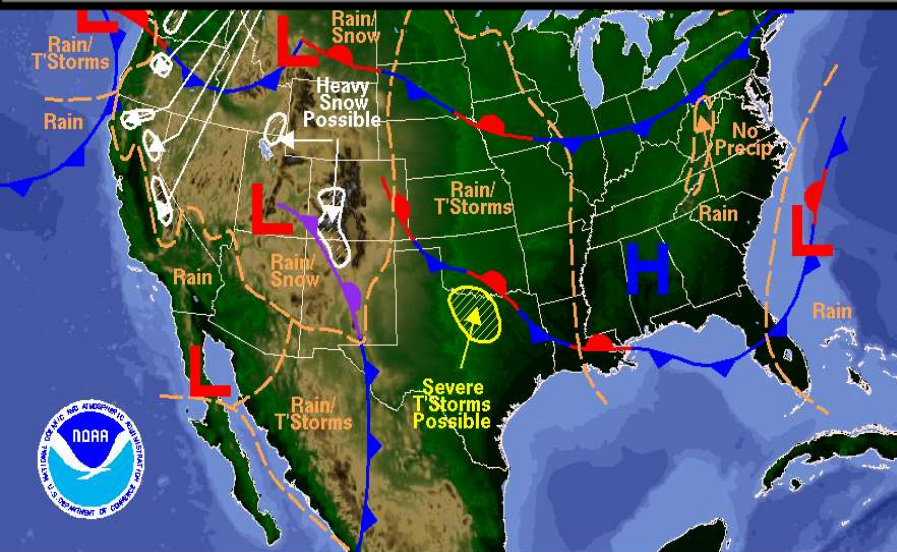


Weather Forecast for Sat, Feb 18, 2017, issued 4:30 AM EST  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by McReynolds based on WPC, SPC and NHC forecasts

No Significant Weather Impacts Expected.



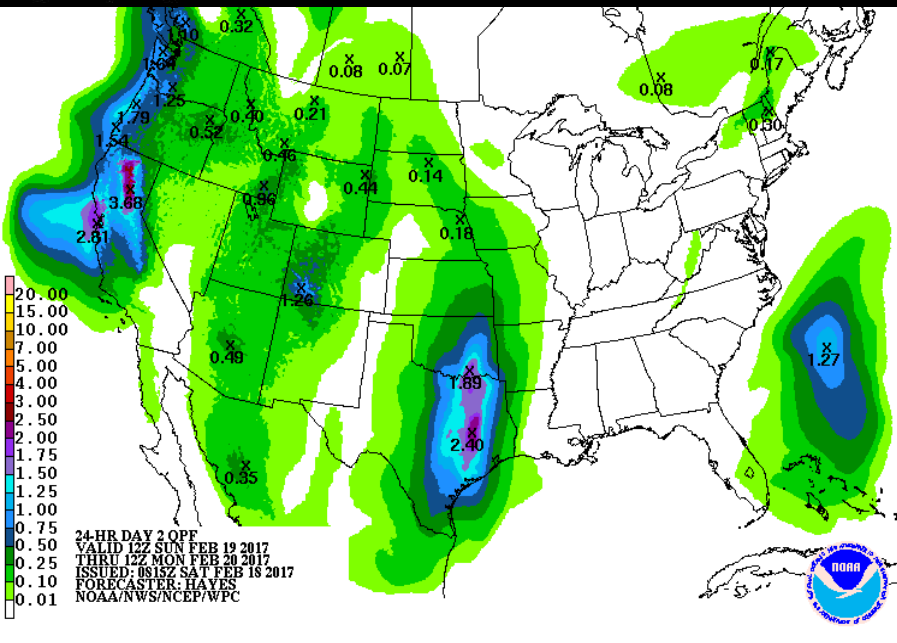
# Tomorrow's Weather



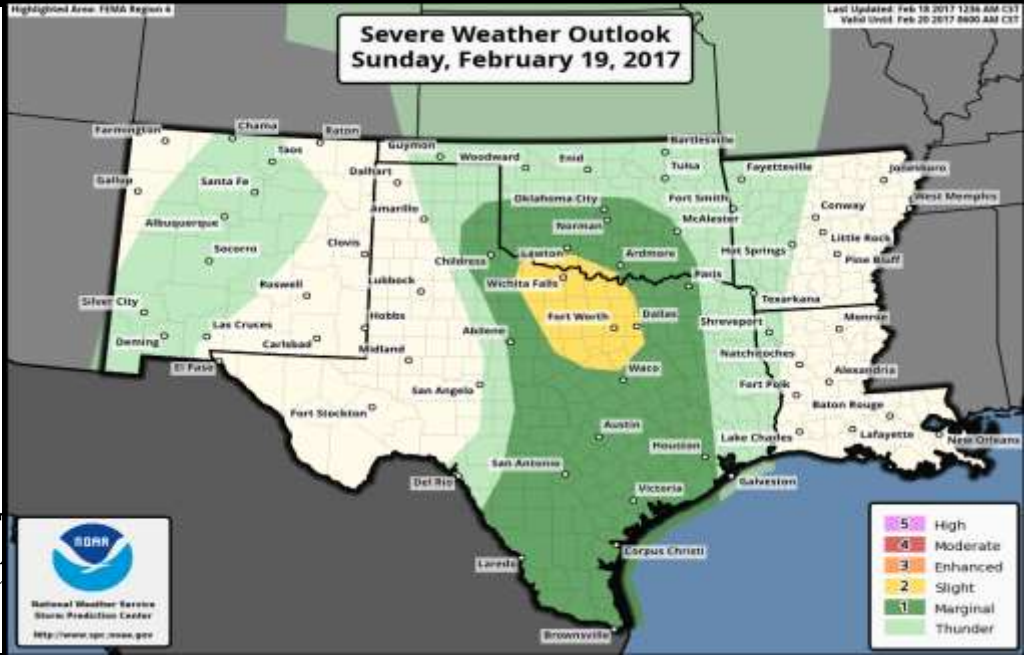
Weather Forecast for Sun, Feb 19, 2017, issued 4:49 AM EST Sat, Feb 18, 2017  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by McReynolds based on WPC, SPC and NHC forecasts

Slight risk of severe storms over S-Central OK and N-Central TX tomorrow late afternoon through evening; hail and damaging winds are the main threats, isolated tornado possible.

Some heavy rain possible over SE OK and E/SE TX in the evening through overnight hours.



24-HR DAY 2 QPF  
VALID 12Z SUN FEB 19 2017  
THRU 12Z MON FEB 20 2017  
ISSUED: 0115Z SAT FEB 18 2017  
FORECASTER: HAYES  
NOAA/NWS/NCEP/WPC

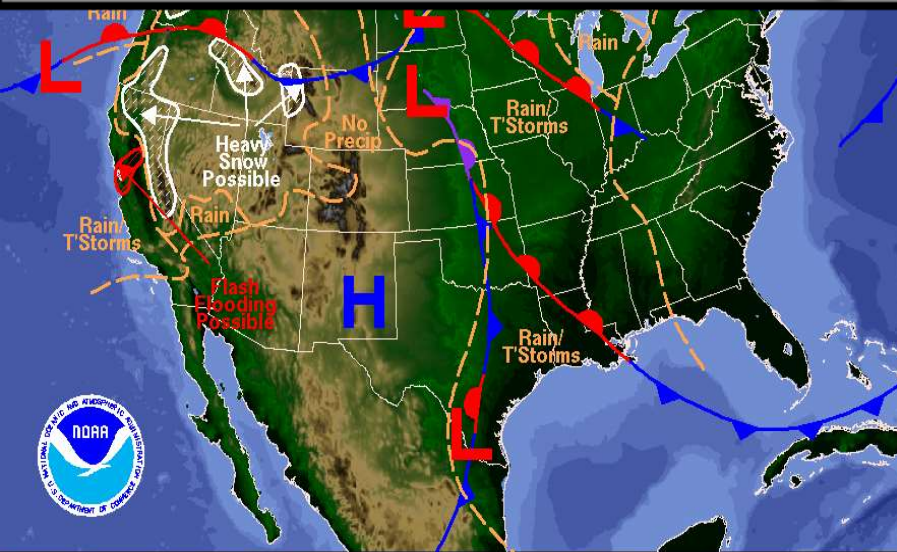


## Severe Weather Outlook Sunday, February 19, 2017

Last Updated: Feb 18 2017 1236 AM CST  
Valid Until: Feb 20 2017 0600 AM CST

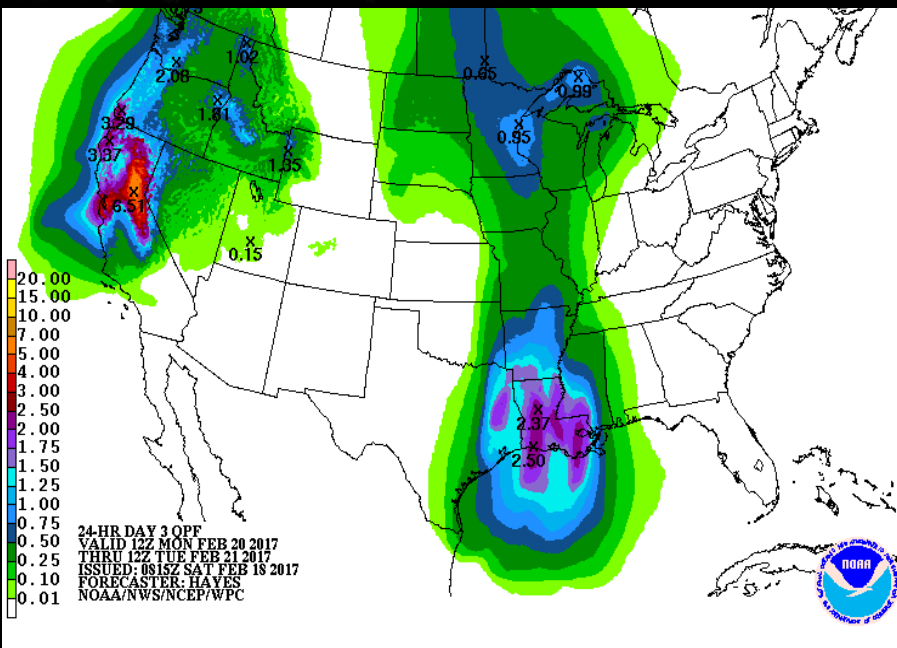
5 High  
4 Moderate  
3 Enhanced  
2 Slight  
1 Marginal  
Thunder

# Monday's Weather



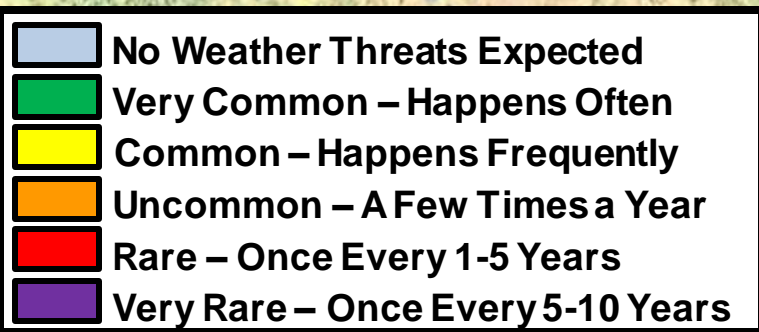
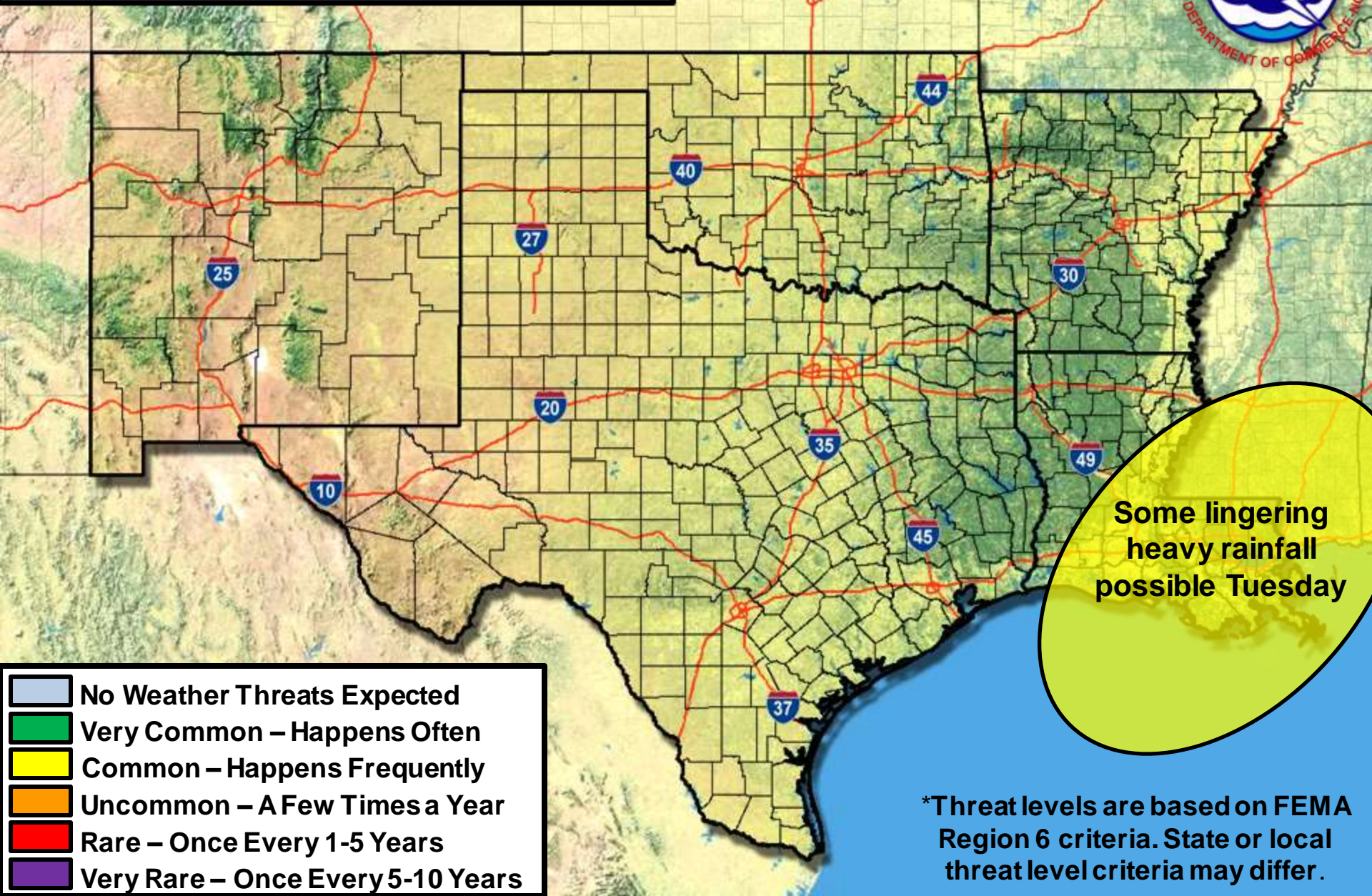
Areas of heavy rainfall/flooding are possible over E TX, LA and S AR throughout the day.

Weather Forecast for Mon, Feb 20, 2017, issued 4:54 AM EST Sat, Feb 18, 2017  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by McReynolds based on WPC, SPC and NHC forecasts



# Day 4-5 Weather Hazards

*Valid: 0800 Tue - 0800 Thu*



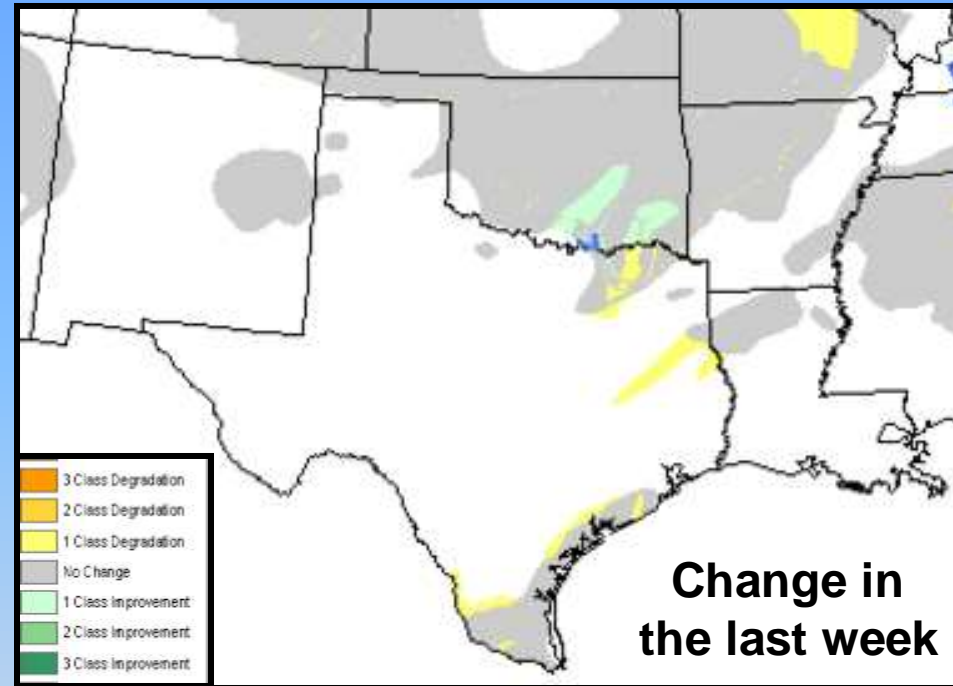
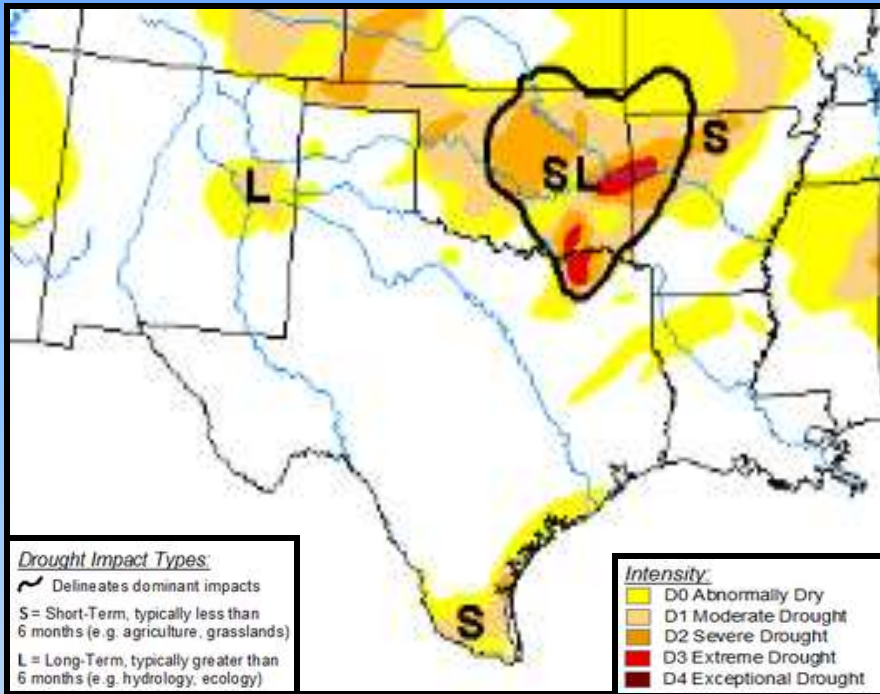
**Some lingering  
heavy rainfall  
possible Tuesday**

**\*Threat levels are based on FEMA  
Region 6 criteria. State or local  
threat level criteria may differ.**



# Drought Monitor Released February 16, 2017

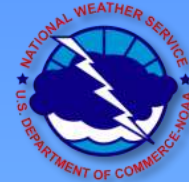
Data valid as of 6am CST, Tuesday, February 14, 2017



## Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	3.34%	4.03%	0.65%	0.00%
Arkansas	2.02%	2.02%	1.13%	0.00%
Texas	0.53%	0.19%	0.63%	0.00%
Louisiana	0.00%	0.00%	4.59%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

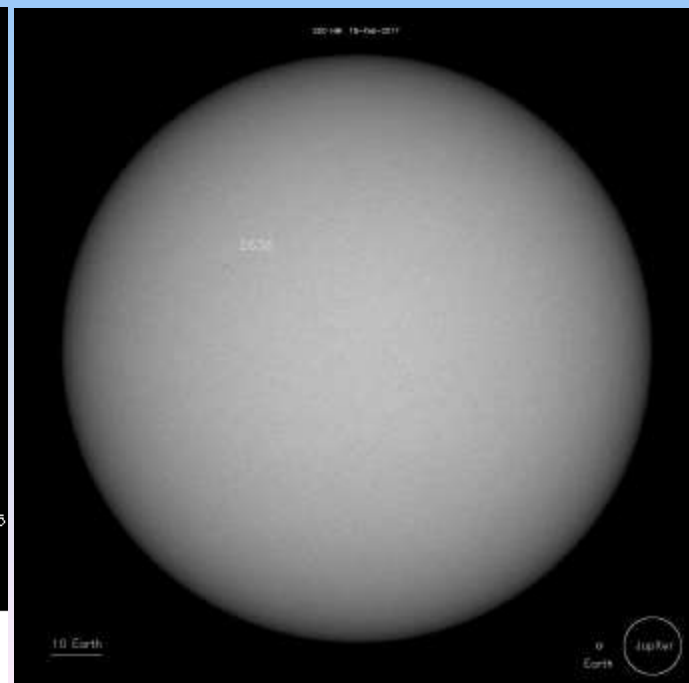
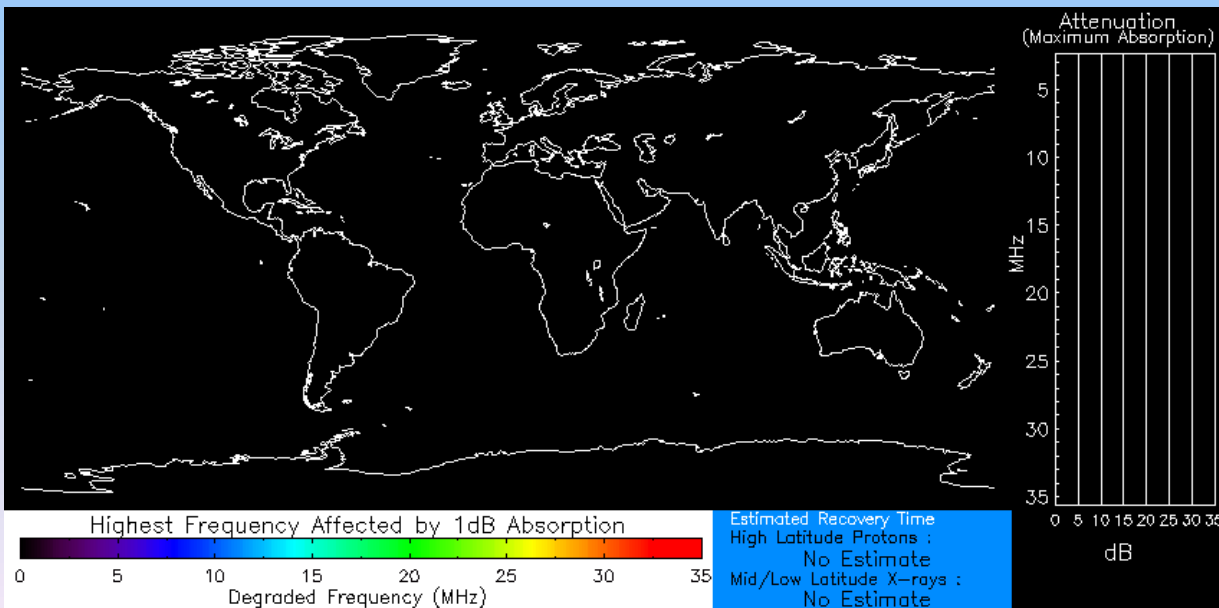
# Space Weather 3-Day Forecast



	Saturday	Sunday	Monday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%

[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



Normal X-ray Background  
Product Valid At : 2017-02-18 13:06 UTC

Normal Proton Background  
NOAA/SWPC Boulder, CO USA

Information provided by:



**National Weather Service**  
**Southern Region Headquarters**  
**Regional Operations Center**  
**Fort Worth, TX**

Phone: (682) 703-3747 **\*New Direct Number**  
E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)  
Web: <http://www.weather.gov/srh> (**NEW link!!**)

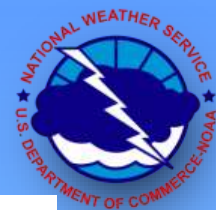
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<https://www.facebook.com/NWSSouthern>

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# The criteria for the color codes in our briefings is below, please provide any feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov).



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>